What is the difference between em and rem units?

Both em and rem are relative CSS units, but they are relative to different things.

em

- `em` is relative to the **font-size of the element (or its parent)**.
- If the parent font-size is 16px, then `2em = 32px`.
- Values can "multiply" when elements are nested, so sizes may grow unexpectedly.

rem

- `rem` is relative to the **root element (html) font-size only**.
- If `html` font-size is 16px, then `2rem = 32px` everywhere on the page.
- It is more consistent and easier to control across the whole website.

In short:

- Use **em** when you want size to depend on the element context.
- Use **rem** when you want predictable, global sizing.